

BASF Aktiengesellschaft

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NAE19970017PC IB/Ri/ns**Abstract**

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A method for producing a molded article, preferably a sheet-type molded article, which method comprises the following stage:

10 I) Compounding and melt extrusion of a mixture I which comprises a blend II which contains:

a) from 1 to 95 wt% of at least one pigment III having a primary particle size of from 5 nm to 20 mm which is selected from the group consisting of an electrochemically inert solid IIIa, a compound IIIb which during charging is able to give off lithium ions, and a compound IIIc which during charging is able to take up lithium ions, and a mixture of the solid IIIa with the compound IIIb or the compound IIIc,

20 b) from 5 to 99 wt% of at least one polymeric binder IV, and

c) from 0 to 200 wt%, based on the total amount of the components a) and b), at least one plasticizer V,

wherein the proportion by weight of the blend II in the mixture I is from 1 to 100
25 wt%, and

wherein mixtures I comprising blends II containing, as the polymeric binder IV, a copolymer of vinylidene fluoride (VdF) and hexafluoropropylene (HFP) having an HFP content of from 8 to 25 wt% and, as the plasticizer V, a compound selected
30 from the group consisting of dibutyl phthalate, dimethyl phthalate, diethyl phthalate, tris(butoxyethyl)phosphate, propylene carbonate, ethylene carbonate, trimethyl trimellitate and mixtures thereof are excluded.